

8th Grade EARTH SCIENCE

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Summer Assignment

Welcome to 8th Grade Earth Science! You have already reviewed some of this course in 7th Grade Science and this year we will go into more detail to further your understanding. This course will introduce you to the study of the Earth upon which you live. Earth Science is the study of the Earth's systems and its location in the universe. This definition includes most of the physical world around you. This course can be divided into 4 areas of study as follows: Astronomy Geology Oceanography Meteorology

To help with your studies, we will be using a textbook which you will receive the first week of school. Attached is the first Chapter of the textbook called The Nature of Science. Each Chapter has several sections. There are objectives and **vocabulary words** at the beginning of each section. You need to write out each vocabulary words on an index card – both the review words and the new words. You should write the definition of the vocabulary word on the back of the index card. Use the definitions given in the reading. You will be responsible to know these words and definitions. You will need to read each lesson and be sure to look at the tables and timelines presented. You will answer the **assessment questions** at the end of the section. You should write out the answers on loose leaf and answer the questions in full sentences. The questions and page numbers are listed below.

After the chapter reading, there will be questions to answer based on the reading to ensure that you understood the material. There will be **open ended and multiple choice questions**. Sometimes you will be given a chart or a table to use to answer the questions. Your reading of the current chapter and your 7th grade science class will have prepared you well enough to complete this assignment without much difficulty. Please remember, your assignment is to:



Read the lesson

Write down the vocabulary words and definitions on index cards

Complete the section questions and the lab

Complete the multiple choice and open ended questions at the end of the unit.

This assignment will be collected in the first class and graded as 8 homeworks. Please have it completed.

The sections and page numbers are listed here for your convenience.

Section 1.1	Earth Science	Page 9	Questions 1 – 6
Section 1.2	Tools for Experiments	Page 16	Questions 1 – 7
Section 1.3	Lab Safety	Page 19	Questions 1 - 5
Section 1.3	Data Analysis Lab	Page 18	Questions 1 - 4
Chapter 1	Chapter Review	Page 23	Questions 1 – 9
			Questions 13 - 25
		Page 25	Questions 35 & 39 - 41
		Page 27	Questions 11 - 20

Have a Great Summer!!!